

FIG. 4

(1) ARRANGEMENT OF ACTUATORS

(2) OPERATION OF UPSTREAM MAGNETIC POLE

(3) OPERATION OF DOWNSTREAM MAGNETIC POLE

(4) CONTROL WAVEFORM OF MAGNETIC POLE

UPSTREAM

DOWNSTREAM

Best Available Copy

FIG. 1

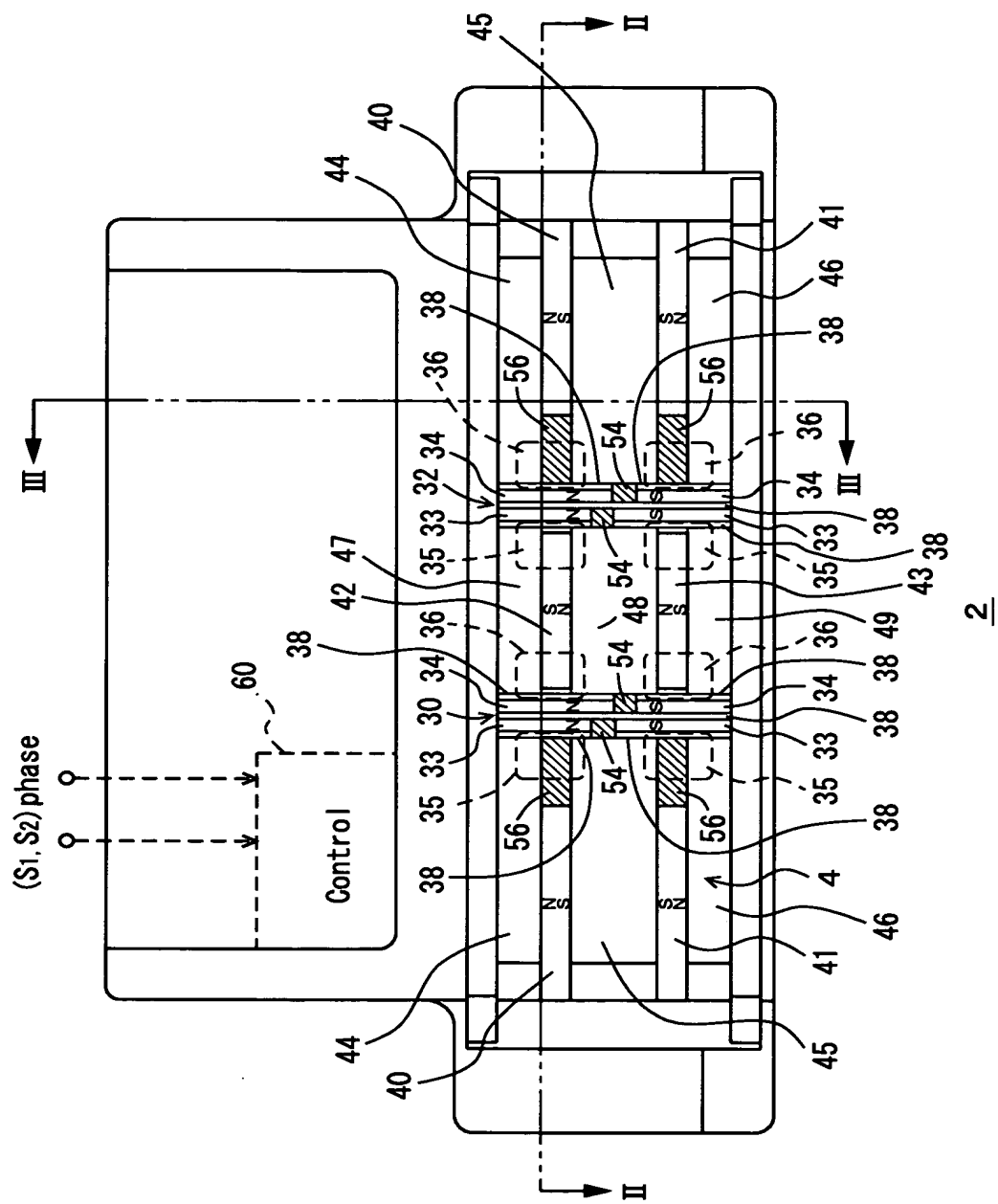


FIG. 2

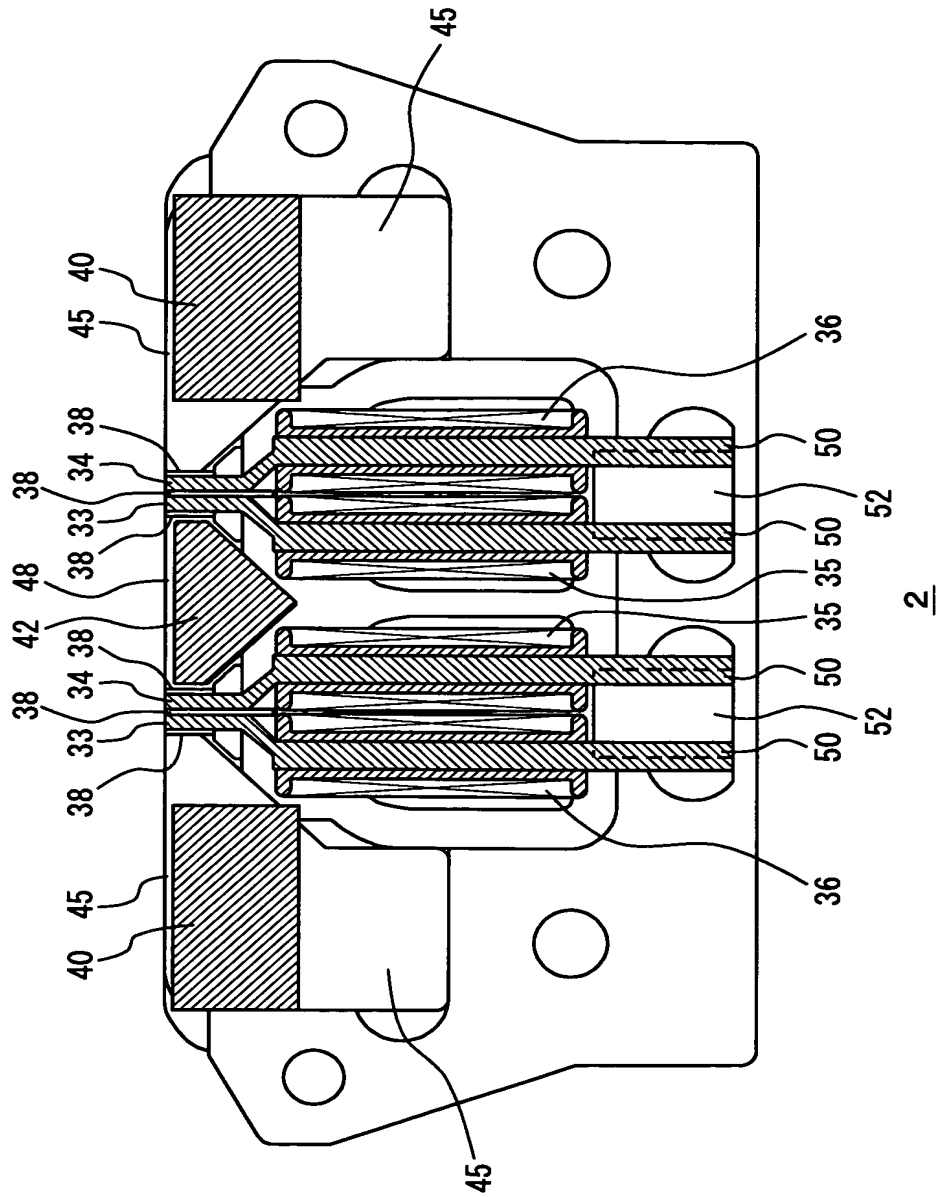


FIG. 3

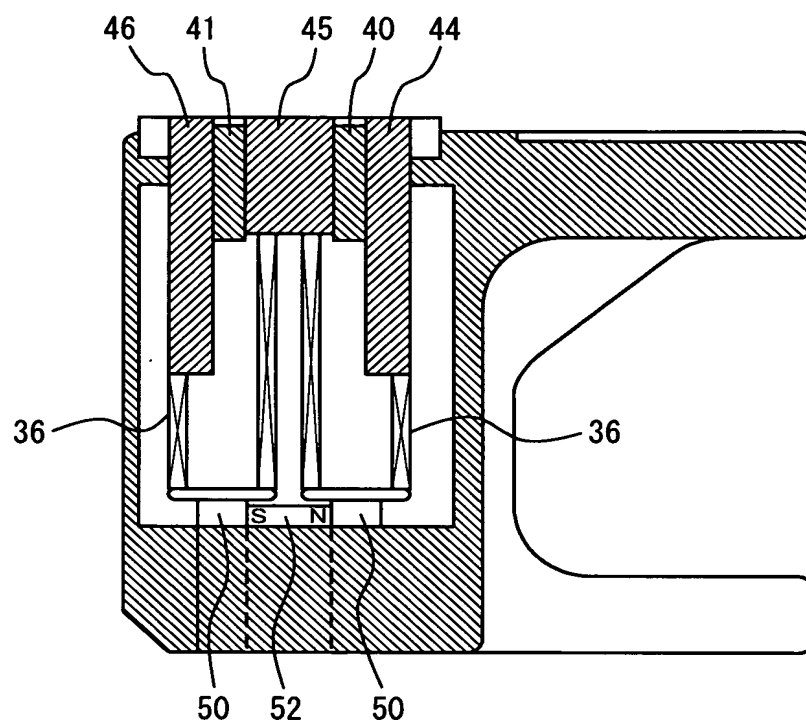


FIG. 4

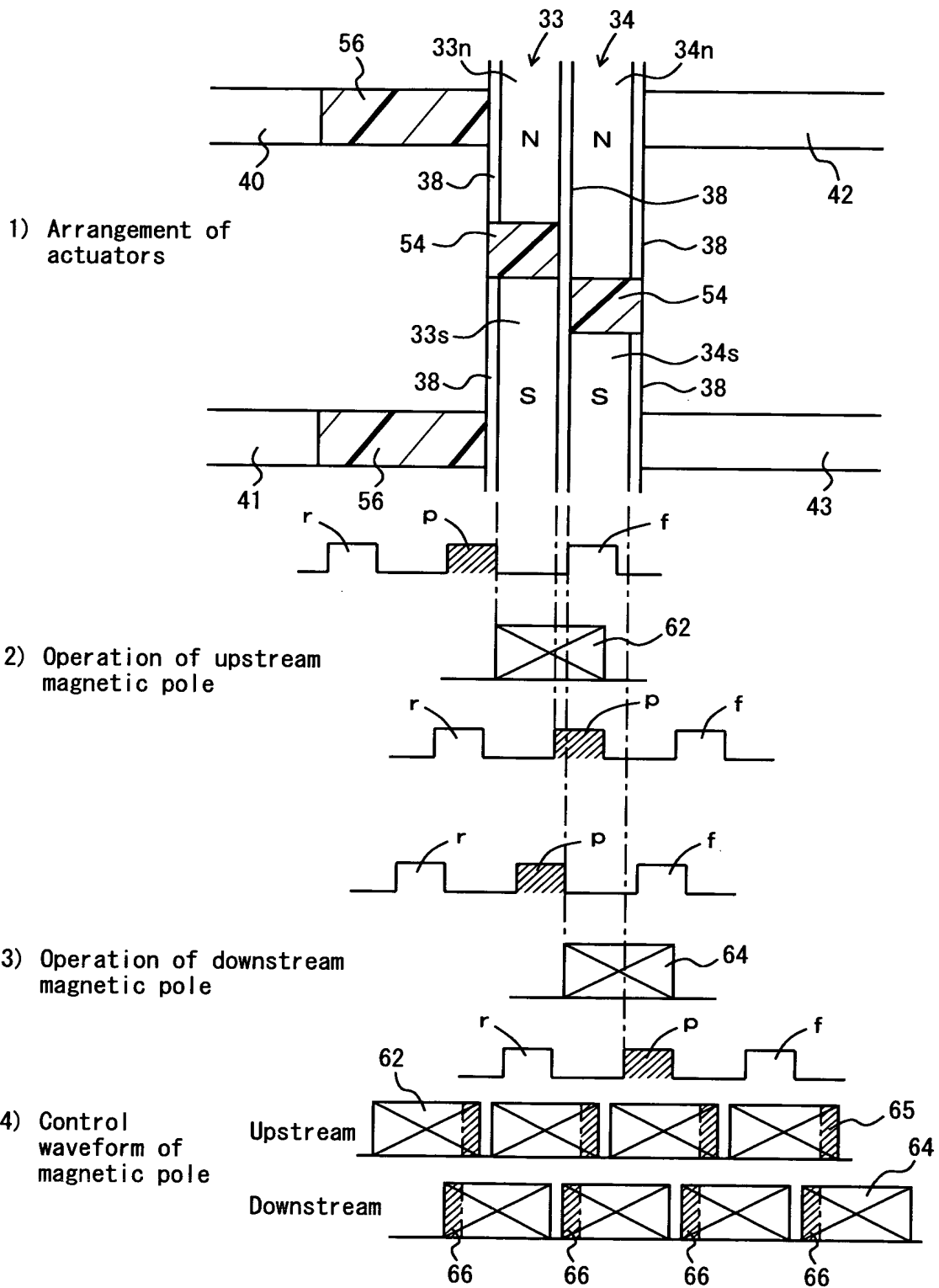


FIG. 5

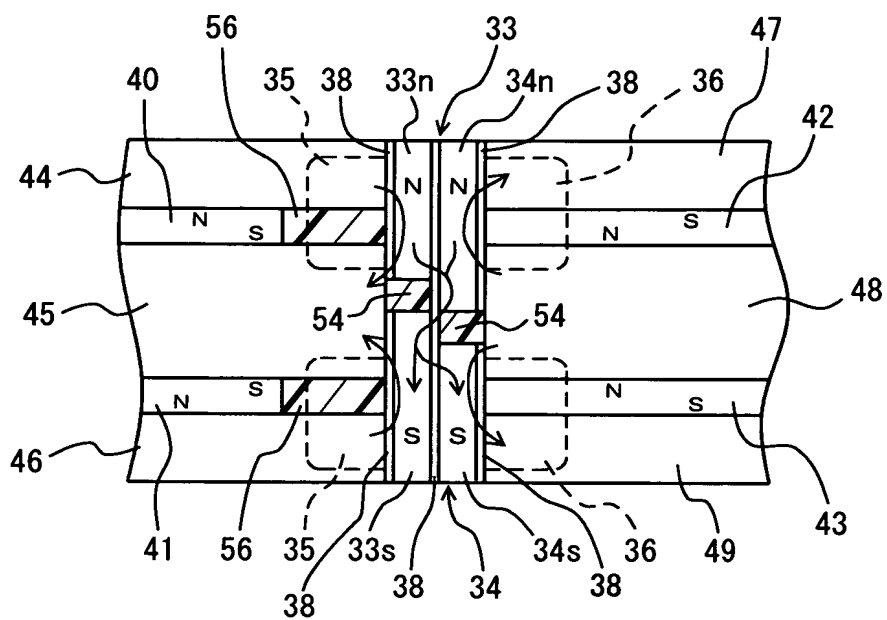


FIG. 6

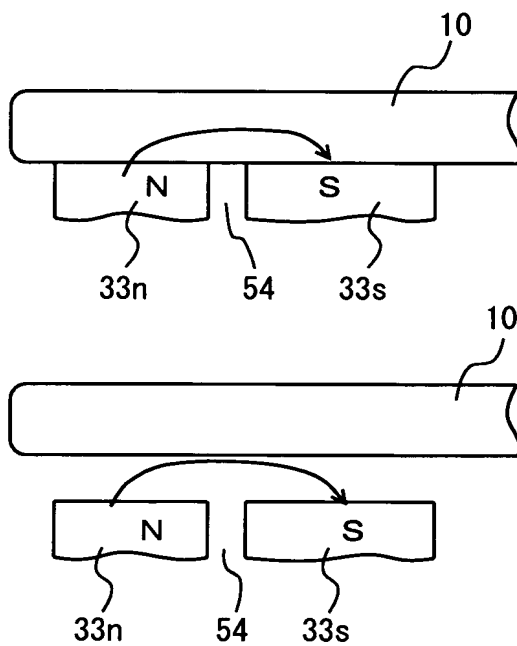


FIG. 7

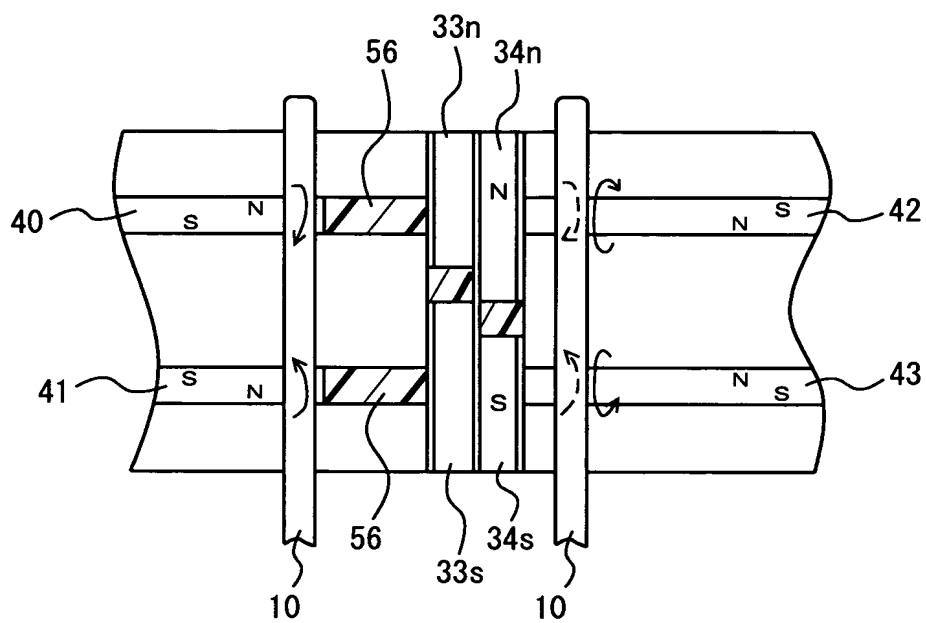


FIG. 8

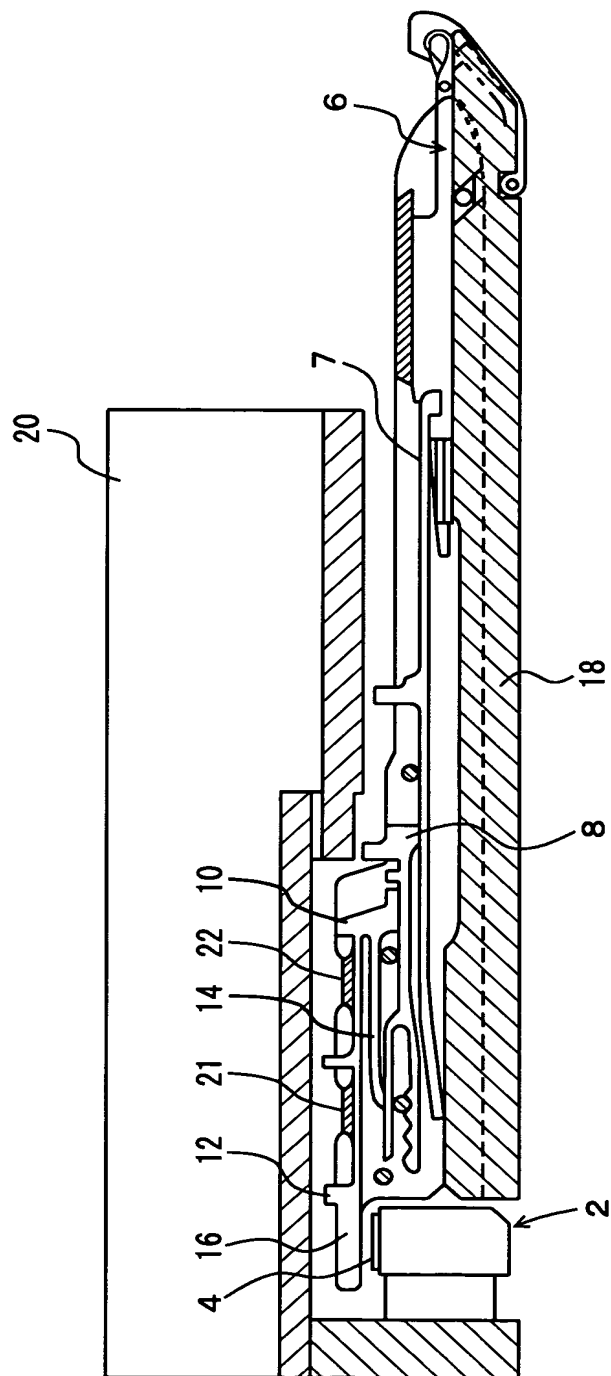


FIG. 9

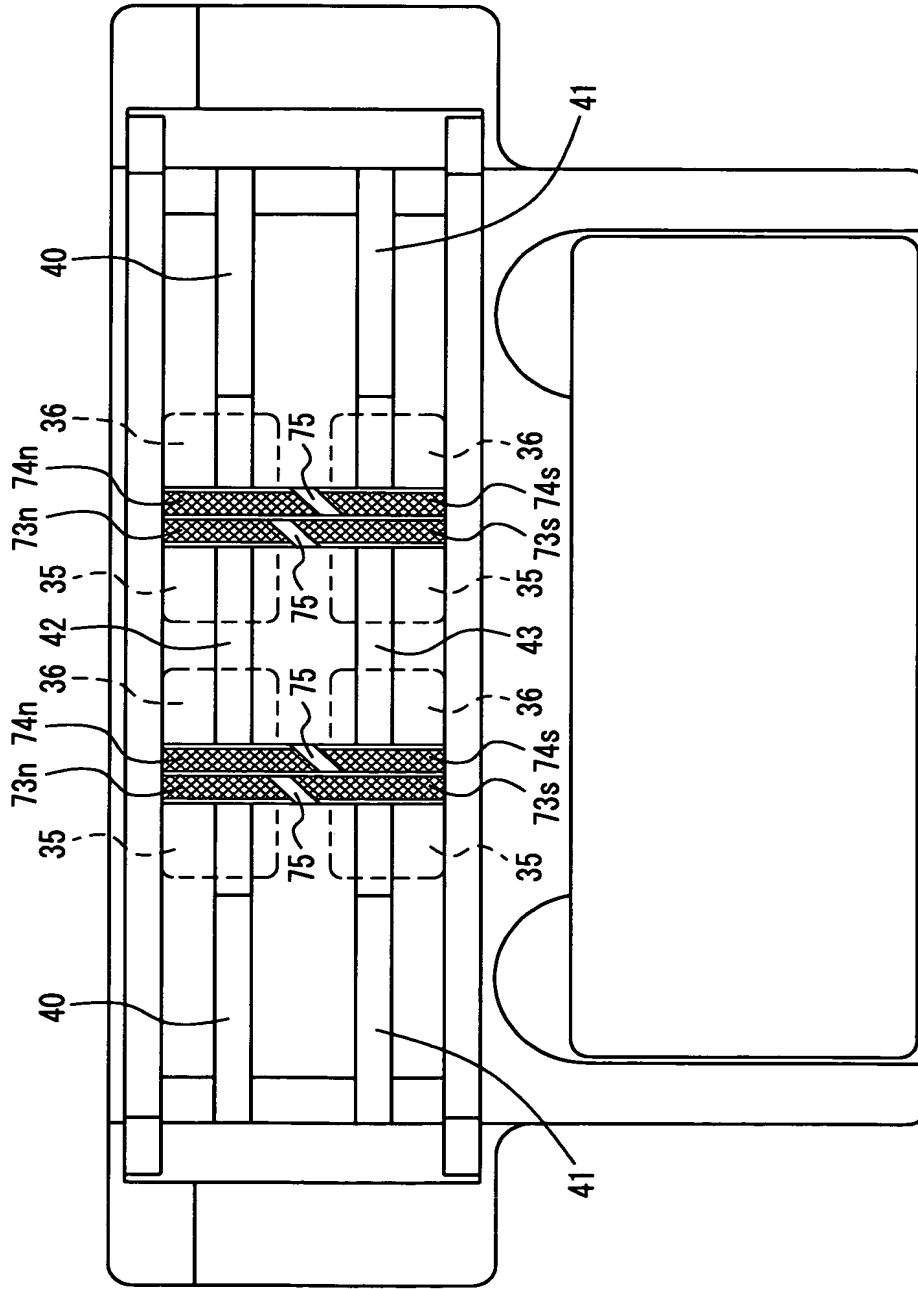


FIG. 10

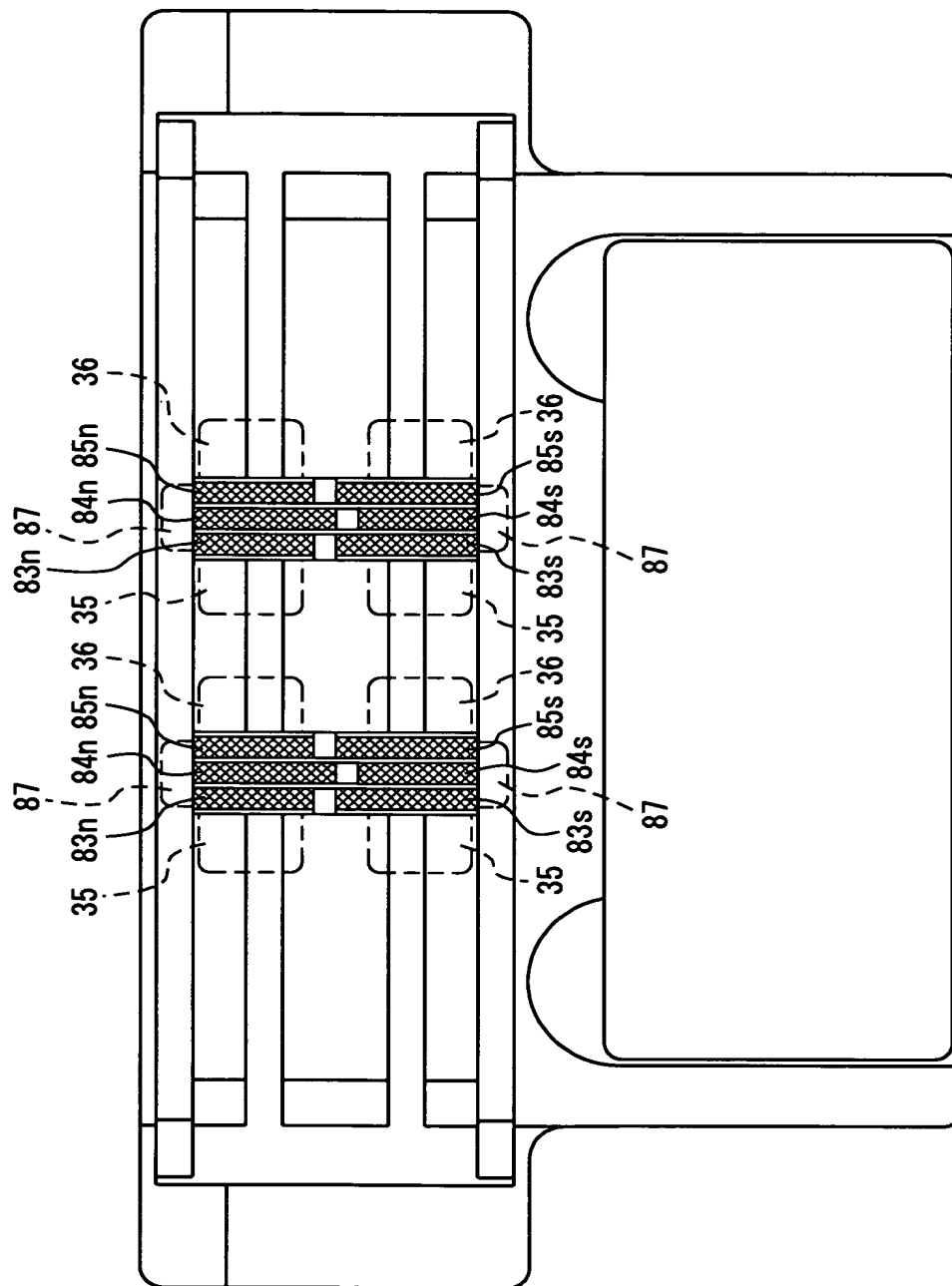
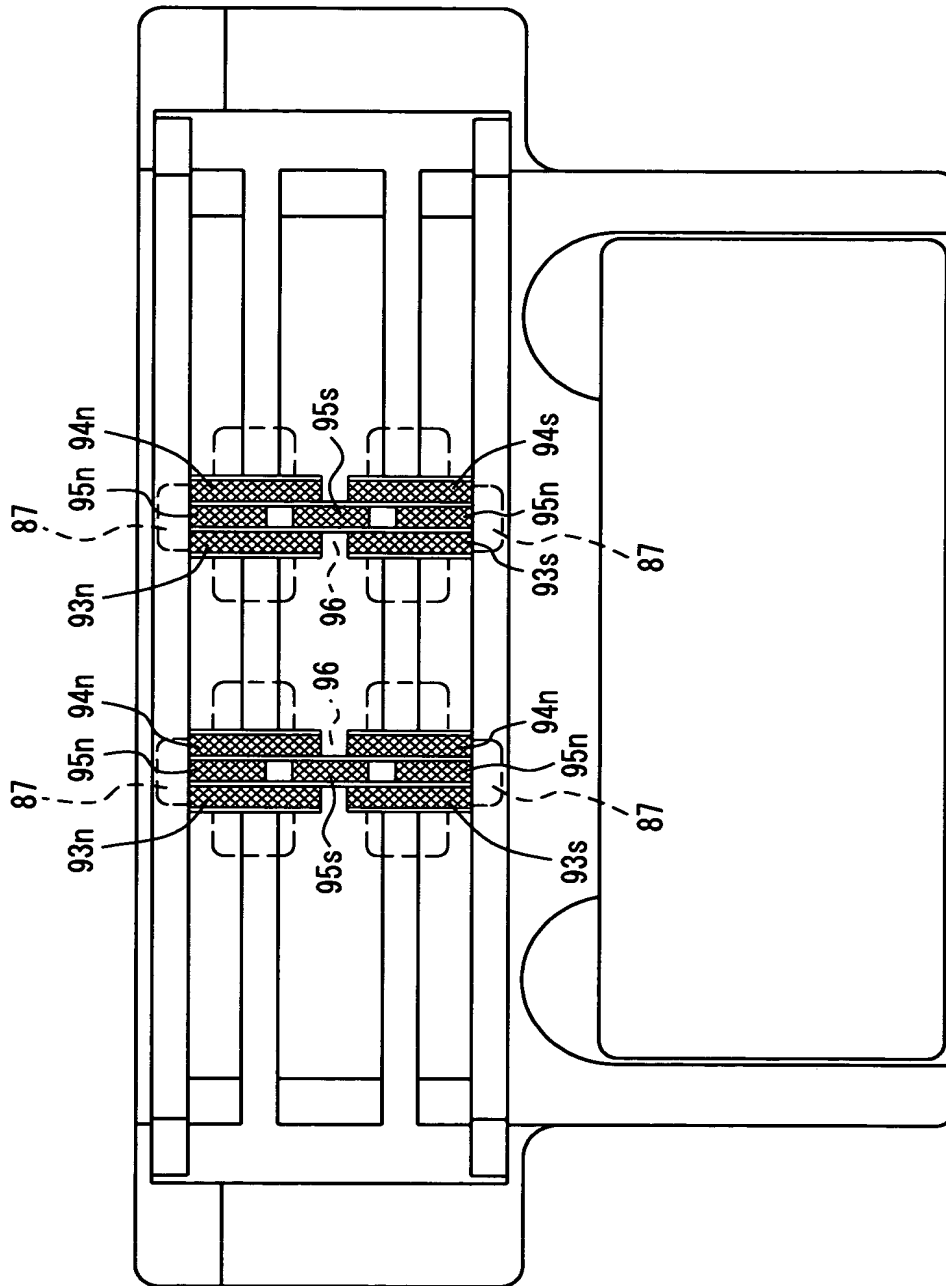


FIG. 11



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